

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system for pre-allocating at least one resource, comprising:

an allocator that pre-allocates the at least one resource based at least in part on an association between the at least one resource and a first resource manager, a resource capacity and a resource location, the first resource manager is one of a plurality of collaborating resource managers;

an identifier that determines whether a consumer utilizing the at least one resource is a registering consumer or a registered consumer;

an associator that associates the at least one pre-allocated resource with the first resource manager, the first resource manager operable to manage the at least one pre-allocated resource for the registering consumer;

a router that routes a request requiring access to the at least one resource associated with the registering consumer to the first resource manager, the router utilizes an algorithm to route the request to the first resource manager, the algorithm includes routing the request in a round-robin fashion to each of the collaborating resource managers based on an analysis of the request and mapping information associated with the at least one resource; and

a replicator that propagates information and generated data associated with the registering consumer to a disparate plurality of resource managers and the router.

2. (Previously presented) The system of claim 1, the at least one resource is allocated to a consumer registering to use an application.

3. (Previously presented) The system of claim 2, the application is available over a network.
4. (Previously presented) The system of claim 3, the network is the Internet.
5. (Previously presented) The system of claim 1, the at least one resource is allocated to a consumer registering to use a service.
6. (Previously presented) The system of claim 5, the service is available over the Internet.
7. (Previously presented) The system of claim 1, the identifier is a computer process.
8. (Previously presented) The system of claim 1, the associator is a computer process.
9. (Previously presented) The system of claim 1, the router is a computer process.
10. (Original) The system of claim 1, the identifier operable to receive Hypertext Transfer Protocol (HTTP) requests.
11. (Previously presented) The system of claim 10, the identifier distinguishes consumer requests by examining at least part of a persistent client side hypertext file (cookie).
12. (Previously presented) The system of claim 1, the associator records association information concerning an association between the at least one resource and the first resource manager in one or more data structures.
13. (Previously presented) The system of claim 12, the one or more data structures include at least one of, a table, an array, a list, a tree, a linked list, a hash and a heap.

14. (Previously presented) The system of claim 12, the one or more data structures contain a mapping between the at least one resource and the first resource manager.
15. (Previously presented) The system of claim 1, the associator records association information concerning an association between the at least one resource and the first resource manager in one or more databases.
16. (Previously presented) The system of claim 15, the one or more databases contain a mapping between the at least one resource and the first resource manager.
17. (Previously presented) The system of claim 1, the router accesses one or more data structures containing routing information that facilitates routing the request associated with the registering consumer to the first resource manager.
18. (Previously presented) The system of claim 17, the one or more data structures include at least one of, a table, an array, a list, a tree, a linked list, a hash and a heap.
19. (Previously presented) The system of claim 18, the one or more data structures contain one or more mappings for one or more consumers to one or more resource managers.
20. (Previously presented) The system of claim 1, the router accesses one or more databases containing information that facilitates routing the request associated with the registering consumer to the first resource manager.
21. (Previously presented) The system of claim 20, the one or more databases contain one or more mappings for one or more consumers to one or more resource managers.
22. (Previously presented) A computer readable medium storing computer executable components to effect the system of claim 1.

23. (Currently amended) A method for processing requests from a registering consumer, comprising:

pre-allocating one or more resources for one or more registering consumers based on resource type, resource location, resource capacity, resource availability and an association between the one or more resources and a first resource managing component that comprises one of a plurality of collaborating resource managers;

determining whether data concerning the registering consumer has been replicated to a plurality of disparate resource managing components;

associating one or more of the pre-allocated resources with the first resource managing component, the first resource managing component operable to manage the one or more pre-allocated resources for the registering consumer;

associating the registering consumer with the first resource managing component; and

routing a request from the registering consumer that requires access to a resource to the first resource managing component, the routing utilizes a round robin algorithm to direct the request to each of the plurality of collaborating resource managers based on an analysis of the request and mapping information associated with the one or more resources the first resource managing component.

24. (Previously presented) The method of claim 23, data associated with a registering consumer is replicated to one or more resource managers.

25. (Previously presented) The method of claim 23, the request requiring access to the resource is not necessarily routed to the first resource manager if the data associated with registering consumer has been replicated to one or more resource managers, the request being routable to the one or more resource managers to which the data has been replicated.

26. (Previously presented) The method of claim 23, the request requiring access to the resource is an HTTP request.

27. (Previously presented) The method of claim 23, the registering consumer is registering to use at least one of an application and a service.
28. (Original) The method of claim 27, the application being available over the Internet.
29. (Original) The method of claim 27, the service being available over the Internet.
30. (Previously presented) A computer readable medium having stored thereon computer executable instructions for carrying out the method of claim 23.
31. (Cancelled)
32. (Currently amended) A system for pre-allocating at least one resource, comprising:
 - means for pre-allocating the at least one resource for consumption by a consumer based at least in part on a resource type, a resource capacity, a resource location and a resource availability;
 - means for determining whether data concerning the consumer has been replicated to one or more resource managing components;
 - means for associating the at least one pre-allocated resource with a first resource managing component that acts in collaboration with a plurality of resource managing components, where the first resource managing component manages the at least one pre-allocated resource for the consumer before the data concerning the consumer has been replicated to the one or more resource managing components; and
 - means for routing a request generated by the consumer, for whom data has not been replicated to the one or more resource managing components, to the first resource managing component based on utilization of a round robin routing algorithm, an analysis of the request and mapping information associated with the at least one resource.